

ABSTRACT

5 An optical information recording medium (1) is
composed of a pit recording area (2), wherein various
control information is recorded by a prepit, and an user
recording area (3) having a guide groove formed in a
groove format, and a phase depth for the prepit and the
groove are approximately the same that the phase depth
is less than or equal to $\lambda/10$, wherein λ is a wavelength
10 for reproducing light source. A recording/reproducing
apparatus (4) for the optical information recording
medium (1) is composed of decoding means (12) for
decoding information by detecting a tangential push-
pull reproduced signal from the prepit recording area
15 (2) and detecting an aggregated signal from the user
recording area (3).

0991700-073101